



FORM PTO-P49 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 8

ATTORNEY DOCKET No.

0275R-000799

SERIAL No.

10/686,506

APPLICANT

Milligan et al

FILING DATE

10/15/2003

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1744

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|----------------|-----------------|------------------------------|
| 1. | J | 2002/0166199 | 11/14/2002 | Boles et al. | — | |
| 2. | J | 2002/0069476 | 06/13/2002 | Yung | — | |
| 3. | J | 2003/0037403 | 02/27/2003 | Lang | — | |
| 4. | J | D433,004 | 05/29/1001 | Chan | — | |
| 5. | J | RE33,074 | 10/03/1989 | Levine | — | |
| 6. | J | D247,341 | 02/28/1978 | Pelly | — | |
| 7. | J | D327,342 | 06/23/1992 | Leung et al. | — | |
| 8. | J | D403,416 | 12/29/1998 | Shelton et al. | — | |
| 9. | J | D458,424 | 06/04/2002 | Chen | — | |
| 10. | J | D371,650 | 07/09/1996 | Dingelstad | — | |
| 11. | J | D231,658 | 05/14/1974 | Stauff | — | |
| 12. | J | D472,683 | 04/01/2003 | Stratford | — | |
| 13. | J | D389,963 | 01/27/1998 | Scanlon et al. | — | |
| 14. | J | 156,288 | 08/27/1874 | Hughes | — | |
| 15. | J | 971,044 | 09/27/1910 | Hutchinson | — | |
| 16. | J | 1,156,235 | 10/12/1915 | Kirby | — | |
| 17. | J | 1,420,665 | 06/27/1922 | Newcombe | — | |
| 18. | J | 1,768,617 | 07/01/1930 | Lee | — | |
| 19. | J | 1,786,384 | 12/23/1990 | Amstutz | — | |
| 20. | J | 2,036,789 | 04/07/1936 | Baker | — | |
| 21. | J | 2,198,568 | 04/23/1940 | Yonkers, Jr. | — | |

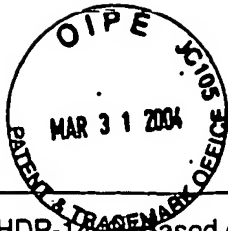
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|-------------|---------------------|-----------------|------------|---------------|-----------------|------------------------------|
| 22. | 7 | 2,226,630 | 12/31/1940 | McCord | - | |
| 23. | 7 | 2,242,278 | 05/20/1941 | Yonders, Jr. | - | |
| 24. | 7 | 2,439,182 | 04/06/1948 | Nuffer et al. | - | |
| 25. | 7 | 2,539,195 | 01/23/1951 | Lang | - | |
| 26. | 7 | 2,564,468 | 04/14/1951 | Anderson | - | |
| 27. | 7 | 3,257,784 | 06/28/1966 | Grellsson | - | |
| 28. | 7 | 3,296,781 | 01/10/1967 | Schumann | - | |
| 29. | 7 | 3,339,350 | 09/05/1967 | Sims | - | |
| 30. | 7 | 3,365,864 | 01/30/1968 | Iizima | - | |
| 31. | 7 | 3,465,413 | 09/09/1969 | Rosaen et al. | - | |
| 32. | 7 | 3,486,626 | 12/30/1969 | Miyagi et al. | - | |
| 33. | 7 | 3,524,211 | 08/18/1970 | Wolf | - | |
| 34. | 7 | 3,561,824 | 02/09/1971 | Homan | - | |
| 35. | 7 | 3,731,465 | 05/08/1973 | Ohira et al. | - | |
| 36. | 7 | 3,816,983 | 06/18/1974 | Sawada et al. | - | |
| 37. | 7 | 3,841,067 | 10/15/1974 | Kato et al. | - | |
| 38. | 7 | 3,856,488 | 12/24/1974 | Kato et al. | - | |
| 39. | 7 | 3,861,381 | 01/21/1975 | Witman et al. | - | |
| 40. | 7 | 3,898,129 | 04/28/1987 | Hawley | - | |
| 41. | 7 | 3,898,414 | 08/05/1975 | Hawley | - | |

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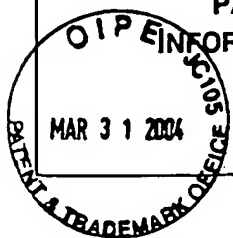
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| 42. | g | 3,898,488 | 08/05/1975 | Hawley | — | |
| 43. | h | 3,921,250 | 11/25/1975 | Jerabek | — | |
| 44. | T | 4,007,026 | 02/08/1977 | Groh | — | |
| 45. | h | 4,105,420 | 08/08/1978 | Moore | — | |
| 46. | T | 4,209,875 | 07/01/1980 | Pugh et al. | — | |
| 47. | h | 4,225,814 | 09/30/1980 | Gantze tal. | — | |
| 48. | h | 4,248,613 | 02/03/1981 | Linhart | — | |
| 49. | h | 4,304,580 | 12/08/1981 | Gehl et al. | — | |
| 50. | h | 4,388,582 | 06/14/1983 | Saar et al | — | |
| 51. | h | 4,392,101 | 07/05/1983 | Saar et al | — | |
| 52. | h | 4,426,211 | 01/17/1984 | Ataka et al. | — | |
| 53. | h | 4,533,370 | 08/06/1985 | Ikezaki et al. | — | |
| 54. | h | 4,588,464 | 05/13/1969 | Close | — | |
| 55. | h | 4,661,129 | 04/28/1987 | Nederman | — | |
| 56. | h | 4,716,352 | 12/29/1987 | Hurn et al | — | |
| 57. | h | 4,745,654 | 05/24/1988 | Yamamoto et al. | — | |
| 58. | h | 4,746,339 | 05/24/1988 | Millard | — | |
| 59. | h | 4,790,306 | 12/13/1988 | Bruan et al. | — | |
| 60. | h | 4,821,366 | 04/18/1989 | Levine | — | |
| 61. | h | 4,878,930 | 11/07/1999 | Manniso et al. | — | |

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|-------------|---------------------|-----------------|------------|---------------------|-----------------|------------------------------|
| 62. | g | 4,920,606 | 05/01/1990 | Gerke, Jr., et al. | — | |
| 63. | g | 4,920,608 | 05/01/1990 | Hult et al. | — | |
| 64. | K | 4,934,020 | 06/19/1990 | Jackson | — | |
| 65. | g | 4,947,514 | 08/14/1990 | Gerke, Jr. et al | — | |
| 66. | g | 4,967,443 | 11/06/1990 | Krasznai et al. | — | |
| 67. | g | 5,005,252 | 04/09/1991 | Steiner et al. | — | |
| 68. | K | 5,011,058 | 04/30/1991 | Sapp et al. | — | |
| 69. | g | 5,020,186 | 06/04/1991 | Kosten et al. | — | |
| 70. | K | 5,020,187 | 06/04/1991 | Kosten et al. | — | |
| 71. | g | 5,043,640 | 04/27/1991 | Bhagwat et al | — | |
| 72. | K | 5,065,473 | 11/19/1991 | Krasznai et al. | — | |
| 73. | g | 5,074,006 | 12/24/1991 | Eremita | — | |
| 74. | K | 5,084,934 | 02/04/1992 | Lessig, III, et al. | — | |
| 75. | K | 5,092,015 | 03/03/1992 | Kosten et al. | — | |
| 76. | K | 5,105,505 | 04/21/1992 | Reed Jr. | — | |
| 77. | K | 5,114,217 | 09/01/1992 | Gardner, et al | — | |
| 78. | K | 5,115,538 | 05/26/1992 | Cochran et al. | — | |
| 79. | K | 5,134,751 | 08/04/1992 | Reed Jr. et al. | — | |
| 80. | K | 5,148,094 | 09/15/1992 | Parks et al | — | |
| 81. | K | 5,199,963 | 04/06/1993 | Scarp | — | |

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U.S. PATENT DOCUMENTS

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| 82. | A | 5,297,311 | 03/29/1994 | Puri | — | |
| 83. | S | 5,388,302 | 02/14/1995 | Sundaram et al. | — | |
| 84. | A | 5,599,401 | 02/04/1997 | Brosky et al. | — | |
| 85. | A | 5,611,831 | 03/18/1997 | Matsuoka et al. | — | |
| 86. | A | 5,634,238 | 06/03/1997 | McCaffrey et al. | — | |
| 87. | A | 5,664,285 | 09/09/1997 | Melito et al. | — | |
| 88. | A | 5,699,586 | 12/23/1997 | Melito et al. | — | |
| 89. | A | 5,733,351 | 03/31/1998 | Hult et al. | — | |
| 90. | A | 5,787,546 | 08/04/1998 | Bass et al. | — | |
| 91. | A | 5,795,358 | 08/18/1998 | Scanlon et al. | — | |
| 92. | A | 5,954,848 | 09/21/1999 | Otto et al. | — | |
| 93. | A | 5,966,774 | 10/19/1999 | Bone et al. | — | |
| 94. | S | 6,008,628 | 12/28/1999 | Brotto | — | |
| 95. | S | 6,018,231 | 01/25/2000 | Shaver et al | — | |
| 96. | S | 6,075,341 | 06/13/2000 | White et al | — | |
| 97. | A | 6,110,248 | 08/29/2000 | Liu | — | |
| 98. | N | 6,133,713 | 10/17/2000 | Brotto | — | |
| 99. | N | 6,154,007 | 11/28/2000 | Shaver et al | — | |
| 100. | N | 6,154,008 | 11/28/2000 | Bradus et al | — | |
| 101. | N | 6,160,447 | 12/12/2000 | Watts | — | |

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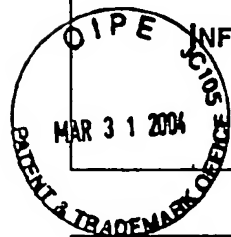
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U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|-------------------|-----------------|------------------------------|
| 102. | K | 6,172,487 | 01/09/2001 | Brotto | — | |
| 103. | K | 6,192,550 | 02/27/2001 | Hamada et al. | — | |
| 104. | K | 6,256,834 | 07/10/2001 | Meijer et al. | — | |
| 105. | K | 6,269,518 | 08/07/2001 | Yung | — | |
| 106. | K | 6,434,785 | 08/20/2002 | Vandelbelt et al. | — | |
| 107. | K | 6,462,513 | 10/08/2002 | Bradus et al | — | |
| 108. | K | 6,484,350 | 11/26/2002 | Yung | — | |
| 109. | K | 6,546,592 | 04/15/2003 | Cockburn et al. | — | |

FOREIGN PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | No |
|-------------|---------------------|-----------------|------------|---------|-----------------|-----------------|----|
| 1. | K | DE 100 56 935 | 02/28/2002 | Germany | — | | |
| 2. | K | DE 101 10 582 | 01/03/2002 | Germany | — | | |
| 3. | K | 0 468 200 | 08/11/1993 | EPO | — | | |
| 4. | K | EP 0 647 114 | 11/14/2001 | EPO | — | | |
| 5. | K | EP 1 161 915 | 12/12/2001 | EPO | — | | |
| 6. | K | 630 169 | 05/22/1936 | Germany | — | | |
| 7. | K | 68 13 51-1 | 12/29/1968 | Germany | — | | |
| 8. | K | 0 170 720 | 02/12/1986 | EPO | — | | |
| 9. | K | 0 215 165 | 07/10/1991 | EPO | — | | |

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|----------------|------------------------|--------------------|------------|---------|--------------------|-------------|----|
| | | | | | | Yes | No |
| 10. | Y | DE 199 59 513 | 07/26/2001 | Germany | — | | |
| 11. | Y | 1 959 657 | 03/05/1967 | Germany | — | | |
| 12. | Y | 0 008 117 | 11/21/1985 | EPO | — | | |
| 13. | Y | EP 1 070 478 | 01/24/2001 | EPO | — | | |
| 14. | Y | 1 607 730 | 09/04/1969 | Germany | — | | |
| 15. | Y | DE 33 25 336 | 01/24/1985 | Germany | — | | |
| 16. | Y | DE 37 27 980 | 03/02/1989 | Germany | — | | |
| 17. | Y | DE 196 53 570 | 09/25/1997 | Germany | — | | |
| 18. | Y | 1 874 119 | 06/20/1963 | Germany | — | | |
| 19. | Y | 0 160 168 | 05/24/1989 | EPO | — | | |
| 20. | Y | 0 548 523 | 07/05/1995 | EPO | — | | |
| 21. | Y | EP 0 921 748 | 10/18/2000 | EPO | — | | |
| 22. | Y | 620 117 | 11/10/1935 | Germany | — | | |
| 23. | Y | 1 403 128 | 11/28/1968 | Germany | — | | |
| 24. | Y | 1 403 131 | 02/20/1969 | Germany | — | | |
| 25. | Y | 1 611 157 | 10/08/1970 | Germany | — | | |
| 26. | Y | 85 06 818 | 08/14/1986 | Germany | — | | |
| 27. | Y | 86 23 695 | 11/27/1986 | Germany | — | | |
| 28. | Y | EP 0 983 743 | 03/08/2000 | EPO | — | | |
| 29. | Y | DE 33 09 162 | 09/20/1984 | Germany | — | | |

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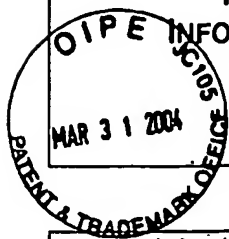
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|-------------|---------------------|-----------------|------------|---------|-----------------|-----------------|----|
| 30. | JS | DE 197 33 680 | 02/11/1999 | Germany | — | | |
| 31. | JS | 1 988 318 | 06/27/1968 | Germany | — | | |
| 32. | JS | 90 12 439 | 12/13/1990 | Germany | — | | |
| 33. | JS | EP 0 116 870 | 04/04/1990 | EPO | — | | |
| 34. | JS | EP 0 914 795 | 05/12/1999 | EPO | — | | |
| 35. | JS | DE 37 43 083 | 08/07/1997 | Germany | — | | |
| 36. | JS | DE 199 03 734 | 08/10/2000 | Germany | — | | |
| 37. | JS | DE 199 25 277 | 07/26/2001 | Germany | — | | |
| 38. | JS | 86 29 781 | 04/14/1988 | Germany | — | | |
| 39. | JS | EP 0 674 870 | 10/04/1995 | EPO | — | | |
| 40. | JS | EP 0 749 719 | 04/18/2001 | EPO | — | | |
| 41. | JS | WO 01/80704 | 11/01/2001 | WIPO | — | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

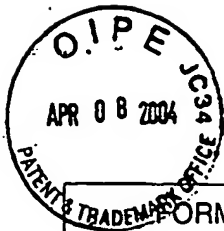
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|----------------|------------------------|--------------------|------------|---------|--------------------|--------------------|----|
| 1. | <i>f</i> | DT 1 951 306 | 11/23/1972 | Germany | — | | |
| 2. | <i>b</i> | DT 1 964 261 | 07/16/1970 | Germany | — | | |
| 3. | <i>g</i> | DE 42 35 745 | 04/13/1995 | Germany | — | | |
| 4. | <i>y</i> | 1 768 312 | 06/12/1958 | Germany | — | | |
| 5. | <i>N</i> | DE 298 14 547 | 01/07/1999 | Germany | — | | |
| 6. | <i>N</i> | EP 0 444 516 | 11/30/1994 | EPO | — | | |

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